Index of Claims

| App | lica | tion | /Cor | ntrol | No. |
|-----|------|------|------|-------|-----|
|-----|------|------|------|-------|-----|

10/634,827

Examiner

Venkataraman Balasubramanian Applicant(s)/Patent under Reexamination

SCHUDOK ET AL.

Art Unit

1624

| √ | Rejected |
|---|----------|
| H | Allowed  |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| 1 | Interference |

| A | Appeal   |
|---|----------|
| o | Objected |

| Cla   | aim      | Date   |          |  |              | Claim         |          |             |         | Date   |                 |          |  | CI       | Date               |                  |          |                |          |              |          |                 |          |                |              |           |          |               |          |          |
|-------|----------|--|----------|--|--------------|---------------|----------|-------------|---------|--------|-----------------|----------|--|----------|--------------------|------------------|----------|----------------|----------|--------------|----------|-----------------|----------|----------------|--------------|-----------|----------|---------------|----------|----------|
|       |          |  |          | Т  |              |               | T        |             |         |        |                 |          |  |          |                    |                  |          | П              |          |              |          |                 |          | П              |              |           |          | П             | П        |          |
| Final | Original | 4/14/05  | - 1      | - 1  |              |               |          | -           |         |        | Final           | Original |  |          |                    |                  | }        | 1              |          | ল            | Original |                 |          |                |              |           |          |               |          | ı        |
| ᇤ     | <u> </u> | 7  |          | - 1  |              |               |          | -           |         |        | IÆ              | rig      |  |          |                    | 1                | 1        | 1              |          | Final        | Ē        |                 |          | .              |              |           |          |               | - 1      |          |
| _     | Ö        | 4  |          |  |              |               |          |             |         |        | _               | 0        | Hi   |          |                    | 1                |          | 1              |          | -            | 0        |                 |          | . 1            |              |           |          |               |          |          |
|       | 1        | 1  | $\dashv$ | $\dashv$                                       | $\dashv$     | +             | +        | $\dashv$    | +       |        | <del></del>     | 51       |  |          | +                  | 1                | +        | 1-+            |          |              | 101      |                 | $\dashv$ | $\dashv$       | $\vdash$     | $\dashv$  | $\dashv$ | $\dashv$      | $\dashv$ | $\dashv$ |
|       | 2        | V  | -+       | ╅  |              | +             | ┿        | +           | +       | ł      | $\vdash \vdash$ | 52       | -  | +        | +                  | ╁                | +-       | ╂─┼            |          |              | 102      | -1              | -        | $\dashv$       |              | $\dashv$  | -        | $\dashv$      | $\dashv$ | $\dashv$ |
|       |          |  | -+       | +  |              | +             | +        | +           | -       |        | <u> </u>        | 53       | $\vdash$ +                                       |          |                    | -                |          | ╁┼             |          |              | 102      | $\vdash$        | -        | $\dashv$       | $\vdash$     | $\dashv$  | -        |               | -        | $\dashv$ |
|       | 3        | ٧  | -+       | 4  |              | -             | +        | +           | +       |        | <u> </u>        |          | $\vdash$   | +        | +                  | $\vdash$         |          | -              |          |              |          |                 |          | $\dashv$       | $\vdash$     | $\dashv$  | -        | -+            | $\dashv$ |          |
|       | 4        | 1  | -        | +  | -            | -             | -        | -           | +-      |        | <u> </u>        | 54       | $\vdash$   | -        | +-                 | $\vdash$         |          | ↤              |          |              | 104      | $\vdash$        |          |                | $\vdash$     | $\dashv$  | _        | $\dashv$      | $\dashv$ |          |
|       | 5        | 1  |          | _  |              | 4             | +        |             | +-      |        | <u> </u>        | 55       | $\vdash$   |          |                    |                  |          | ╀┈┼            | _        |              | 105      | -               | 4        | $\dashv$       | $\vdash$     | _         |          |               | -        | 4        |
|       | 6        | 1  | _        | 4  | _            | _             | _        |             | _       |        | <u> </u>        | 56       | $\sqcup$   |          | ┶                  | 1                |          | $\bot$         | _ ::::   |              | 106      | $\sqcup$        |          |                | <b>  </b>    | $\dashv$  |          |               | -        | -1       |
|       | 7        | 1  | -1       | 4  | _            |               | _        | $\perp$     | _       |        | <u> </u>        | 57       | $\perp$  |          | _                  | $\sqcup$         | ᆜ_       | $\bot$         | _        |              | 107      | $\sqcup$        |          |                | $\sqcup$     | _         |          |               | _        |          |
|       | 8        | 1  |          | $\perp$  |              |               |          | _           | 1       |        | <u> </u>        | 58       | $\perp$  | _ _      | _                  |                  | _ _      |                | _ ::::   |              | 108      |                 | _        |                | $\sqcup$     |           |          | _             | _        | _        |
|       | 9        | 1  |          | $\perp$  |              |               |          |             |         |        |                 | 59       |  |          | ┸                  | $\sqcup$         |          | $\sqcup$       | _        |              | 109      |                 |          | _              |              |           |          |               |          | _        |
|       | 10       |  |          | _1   |              |               |          |             | .]      |        |                 | 60       |  |          |                    |                  |          |                |          |              | 110      |                 |          | Ш              | Ш            |           |          |               |          |          |
|       | 11       |  |          | T  | $\Box$       | $\Box$        | $\prod$  | $\Box \Box$ |         |        |                 | 61       |  |          |                    |                  |          |                |          |              | 111      |                 | [        |                | ╚            |           |          | $\Box$        |          |          |
|       | 12       | $\Box$   | $\Box$   | T  |              |               | Т        | $\Box$      |         |        |                 | 62       |  |          |                    | $\Box \top$      |          | $\Box$ $\Box$  |          |              | 112      |                 | 7        | ୢ୕୕ୗ           |              | ┇         |          | _T            |          |          |
|       | 13       | П  | $\neg$   | T  | $\top$       |               | Т        |             |         |        |                 | 63       |  |          | Π                  | П                | T        | $\sqcap$       | 7        | [            | 113      | П               | $\neg$   | $\neg$         | П            | $\neg$    |          | 丁             | $\neg$   | $\neg$   |
|       | 14       | П  | $\neg$   | 寸  | $\dashv$     | $\neg$        |          | $\neg$      |         | 1      |                 | 64       |  | $\neg$   | 1                  |                  |          |                |          |              | 114      |                 | $\neg$   | $\neg$         | $\Box$       | $\neg$    |          | ヿ             | ヿ        |          |
|       | 15       | П  | $\dashv$ | 寸  | $\dashv$     | $\dashv$      | _        | _           | 1       | 1      |                 | 65       | $\Box$   | 十        | 1                  | $\Box$           | $\top$   | $\sqcap$       | 7        |              | 115      |                 | $\neg$   | $\sqcap$       | П            | 寸         |          | 寸             | $\dashv$ |          |
|       | 16       | Н  | 十        | 寸  | $\top$       | 十             | +        | $\dashv$    | $\top$  | liii   |                 | 66       | $\sqcap$   | +        | T                  | $\vdash$         |          | 11             | 1        |              | 116      | $\vdash$        | $\dashv$ | $\neg \dagger$ |              | $\dashv$  |          | 7             | $\dashv$ | $\dashv$ |
|       | 17       | Н  | $\dashv$ | $\dashv$                                       | +            | $\dashv$      | +        | +           | +       | 1      | <b>—</b> —      | 67       | $\vdash$   | $\dashv$ | +                  | 1 1              | $\dashv$ | 11             |          |              | 117      | $\vdash$        | -        | $\neg$         | $\dashv$     | $\dashv$  |          | 一             | $\dashv$ | -        |
|       | 18       | $\vdash$   | $\dashv$ | +  | $\dashv$     | ╅             | +        | -           | +       | 1      | <b></b>         | 68       | $\vdash$   | ╁        | ╁                  | $\vdash$         | $\dashv$ | +              | -        | $\vdash$     | 118      | $\vdash$        | -        | -1             |              | -         | $\vdash$ | $\dashv$      | $\dashv$ | -        |
|       | 19       |  |          | +  | -+-          | ╁             |          | +           | +       | ł      | $\vdash$        | 69       | $\vdash$   | +        | +                  | $\vdash$         | +-       | +              |          |              | 119      | $\vdash$        | $\dashv$ | -              |              |           | -        | $\dashv$      |          | $\dashv$ |
|       | 19       | Н  | +        | +  | +            | +             | +        | +           | +-      |        | ⊢               |          | $\vdash \vdash$                                  | +        | +                  | $\vdash$         |          | ++             |          |              | 119      |                 |          | $\vdash$       | $\vdash$     | $\dashv$  |          | $\dashv$      | $\dashv$ | $\dashv$ |
|       | 20       | Н  | -        | +  |              |               |          |             | +-      |        | <u> </u>        | 70       |  |          | +-                 |                  |          | +              |          |              | 120      | $\vdash$        | -        |                | <del></del>  |           |          | $\dashv$      | -        |          |
|       | 21       | -  |          | 4  |              |               | -        |             | ┥       |        | <u> </u>        | 71       | Н  | -        | ┦—                 | $\vdash$         | -        | +              |          | ļ            | 121      | $\vdash \vdash$ | _        | $\vdash$       | $\vdash$     |           |          | $\dashv$      |          |          |
|       | 22       | Ш  | _        | 4  | _            | 4             |          | _           | $\bot$  |        | <u> </u>        | 72       | $\sqcup$   |          |                    | $\sqcup$         |          | $\vdash$       | _        | <u></u>      | 122      | $\sqcup$        | _        |                |              |           |          | _             | _        | _        |
|       | 23       | Ш  |          | _  | _            | _             | _        |             | $\bot$  |        | <u> </u>        | 73       | Ш  | $\bot$   | ↓_                 | $\sqcup$         | $\bot$   | $\sqcup$       | _        | <u></u>      | 123      | $\Box$          | _        | Ш              | $oxed{oxed}$ |           |          | _             | _        | _        |
|       | 24       | Ш  |          |  |              | _             | $\perp$  |             |         |        |                 | 74       |  |          |                    | Ш                |          |                | ::::     |              | 124      | Ш               |          | Ш              | Ш            | $\square$ |          |               | ┙        | _        |
|       | 25       |  |          |  |              |               |          |             |         |        |                 | 75       |  |          |                    |                  |          |                |          |              | 125      |                 |          |                | Ш            |           |          | $\perp$       |          |          |
|       | 26       |  |          |  |              |               |          |             |         |        |                 | 76       |  |          |                    |                  |          |                |          |              | 126      |                 |          |                |              |           |          |               |          |          |
|       | 27       |  | $\neg$   | П  |              |               | T        | T           | T       |        |                 | 77       | П  |          | Г                  |                  | 1        |                |          |              | 127      |                 |          | П              |              |           |          | $\neg$        |          |          |
|       | 28       |  | 1        | T  |              |               |          |             | 1       |        |                 | 78       | Ħ  | T        | T                  |                  |          | 1              | 7::::    |              | 128      |                 |          |                |              |           |          | コ             | $\neg$   |          |
|       | 29       | П  |          | 7  | $\neg$       | $\top$        |          | 1           |         | 1      |                 | 79       |  |          | 1                  |                  |          | 1 1            |          |              | 129      |                 | $\neg$   | $\neg$         |              | $\neg$    |          | ヿ             | $\neg$   |          |
|       | 30       | $\vdash$   | $\dashv$ | 十  | $\neg$       | $\dashv$      | $\top$   | 1           | +       |        |                 | 80       | $\vdash$   | $\neg$   | +                  |                  |          | 1 1            | -        |              | 130      |                 | $\neg$   |                |              | $\neg$    |          | $\dashv$      | $\dashv$ | $\neg$   |
|       | 31       | Н  | $\dashv$ | $\dashv$                                       | $\neg$       | +             | +        | $\dashv$    | +       | 1      |                 | 81       | $\vdash$   | +        | +                  | 17               | $\dashv$ | +-+            |          | $\vdash$     | 131      | $\vdash$        | _        |                |              | $\dashv$  |          | $\dashv$      | 一        | $\dashv$ |
|       | 32       | Н  | +        | ╅  | $\dashv$     | $\dashv$      | $\dashv$ | $\dashv$    | +       |        |                 | 82       | H  | $\dashv$ | +                  | $\vdash$         | +        | +              | -        | <b>-</b>     | 132      | $\vdash$        | _        | $\dashv$       | H            | $\dashv$  | $\dashv$ | $\dashv$      | _        |          |
|       | 33       | $\vdash$   | -        | +  | +            | +             | +        |             | +       | 1      | $\vdash$        | 83       | H  |          | +                  | ╁┼               | $\dashv$ | +              | $\dashv$ |              | 133      | $\vdash$        | ┪        | $\dashv$       | $\vdash$     |           |          | $\dashv$      | $\dashv$ | -1       |
|       | 34       | <del>                                     </del> | ┿        | +  | +            |               | +        | +           | +-      | 1      |                 | 84       | $\vdash \vdash$                                  |          | +-                 | +-+              | +        | +              |          | -            | 134      | ┝╌┤             |          | $\dashv$       |              | $\dashv$  | -        | $\dashv$      | $\dashv$ | $\dashv$ |
|       | 35       | Н  | -+       | +  | $\dashv$     | +             | +        | +           | +-      | liii   | <del></del>     | 85       | -  | +-       | +-                 | +-+              | $\dashv$ | ++             | $\dashv$ | -            | 135      | $\vdash$        | $\dashv$ | -              | $\vdash$     | $\dashv$  | $\dashv$ | $\dashv$      | $\dashv$ | $\dashv$ |
|       | 36       | $\vdash$   | -+-      | ╅  | +            | -+            | +        | +-          | +-      | 1      | <b></b>         | 86       | $\vdash$   | +        | +                  | -                |          | ++             | $\dashv$ | ├─           | 136      | ┝╌┼             | -        |                | $\vdash$     | $\dashv$  | $\dashv$ | $\dashv$      | $\dashv$ | $\dashv$ |
|       | 30       | Н  | -+       | +  |              | +             | -        |             | +       |        | <b></b>         |          | -  | +        | +-                 | <del>  -  </del> |          | <del>-</del>   |          | ├—           | 136      | $\vdash$        |          | $\dashv$       | $\vdash$     | $\dashv$  | _        | -+            | -        | -        |
|       | 37       |  | -        | +  | -            | +             | -        | +           | +-      |        | <b>-</b>        | 87       | -  |          | ╄                  | 1-1              | -        | ++             |          | ⊢—           | 137      |                 | -        | $\dashv$       | $\vdash$     | $\dashv$  |          | $\dashv$      | $\dashv$ | -        |
|       | 38       | Ш  |          | 4  | $\perp$      | 4             | 4        | _ _         | +-      |        | <u> </u>        | 88       | $\vdash \vdash$                                  | +        | 4_                 | $\vdash \vdash$  | +        | $\vdash$       | -4       | <u> </u>     | 138      | $\vdash \vdash$ | :        |                | $\vdash$     | $\dashv$  |          | -             | $\dashv$ |          |
|       | 39       | $\sqcup$   | _ _      | 4  | _ _          | _             |          | _ _         | 4_      |        |                 | 89       | $\vdash$   |          | 4_                 | $\sqcup \bot$    | -        | $\sqcup \bot$  | 4        |              | 139      | $\sqcup$        |          |                |              | _         |          | _             | _        | _        |
|       | 40       | Ш  | $\perp$  | $\perp$  |              | _             |          |             | $\bot$  |        | <u> </u>        | 90       |  |          | $oldsymbol{\perp}$ | $\sqcup$         | $\perp$  |                | _        | <u></u>      | 140      | $\sqcup$        |          |                | Ш            |           |          |               |          |          |
|       | 41       | $\square$  |          | ⅃  |              |               |          |             | $\perp$ |        |                 | 91       |  |          |                    |                  | $\perp$  |                |          |              | 141      |                 |          | I              | ╚            |           |          |               | ]        | ]        |
|       | 42       |  | $\Box$   | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{I}}}$ | $oxed{\Box}$ | $\Box \Gamma$ |          | $\Box$      |         |        |                 | 92       |  |          | $oxed{oxed}$       |                  |          | $\Box$         |          |              | 142      |                 |          |                |              |           |          | $\Box$        |          |          |
|       | 43       |  |          | T  |              | $\top$        | $\top$   | $\top$      |         |        |                 | 93       |  | $\neg$   |                    |                  |          |                |          |              | 143      |                 |          |                |              |           |          | $\neg$        |          |          |
| -     | 44       | П  |          | 丁  |              |               | $\neg$   | $\neg$      |         | 1      |                 | 94       |  |          |                    |                  |          | $\sqcap$       |          |              | 144      |                 | $\neg$   | コ              | $\sqcap$     | $\neg$    |          | $\neg$        | $\neg$   |          |
|       | 45       | П  | $\neg$   | 十  | $\top$       | $\top$        | $\top$   | $\top$      | 1       |        |                 | 95       |  | $\top$   | 1                  |                  | $\top$   | $\sqcap$       |          | $\vdash$     | 145      |                 | $\neg$   | $\dashv$       | $\sqcap$     | $\neg$    | $\neg$   | $\dashv$      | $\dashv$ | $\dashv$ |
|       | 46       | $\vdash$   | $\dashv$ | $\top$   | +            | +             | +        | $\top$      | _       |        |                 | 96       | $\vdash$   | +        | $\dagger$          |                  | $\dashv$ | <del>   </del> | $\dashv$ | <u> </u>     | 146      | $\vdash$        | _        | $\vdash$       | $\sqcap$     | -1        |          | $\dashv$      | $\dashv$ | $\neg$   |
|       | 47       | H  | -+       | $\dagger$                                      | 十            | +             | +        | +           | +       |        | <b></b>         | 97       | $\vdash$   | +-       | +-                 | $\vdash$         | +        | 1-             | $\dashv$ | <u> </u>     | 147      | $\vdash$        | $\dashv$ | _              | $\dashv$     | $\dashv$  |          | $\dashv$      | $\dashv$ | -        |
|       | 48       | -  | +        | +  | +            | +             | +        | +           |         |        |                 | 98       |  | +-       | +-                 | +                | +        | 1-             |          | <del> </del> | 148      | -               | $\dashv$ | $\dashv$       | $\dashv$     | $\dashv$  | -        | $\dashv$      | $\dashv$ | $\dashv$ |
|       | 49       |  |          | +  | +            | +             | +        | +           | +       |        | $\vdash \vdash$ | 99       | $\vdash$   | +        | +                  | $\vdash$         | +        | +-+            |          |              | 149      | $\vdash$        | -        | $\dashv$       | $\vdash$     |           | $\dashv$ | $\dashv$      | $\dashv$ | $\dashv$ |
|       | 50       | $\vdash$   | -        | +  | - -          | +             | +        |             | +       |        | <b></b> '       | 100      | <del>                                     </del> | +-       | ╁                  | <del>   </del>   | +        | ╁┼             |          | <u> </u>     | 150      | $\dashv$        | -        | $\dashv$       | $\vdash$     | $\dashv$  | $\dashv$ | $\dashv$      | $\dashv$ | $\dashv$ |
|       | 50       | ш  |          |  |              | $\perp$       |          |             |         | J::::: |                 | 100      | Щ.   |          |                    |                  |          | $\perp \perp$  | ::::     | L            | 150      | ╙               | $\Box$   |                | Ш            |           |          | ightharpoonup |          |          |